

REMARKS

This is intended as a full and complete response to the Restriction Requirement dated February 25, 2005, having a shortened statutory period for response set to expire on March 25, 2005. Please reconsider the claims pending in the application for reasons discussed below.

Claims 1-27 and 41-55 remain pending in the application upon entry of this response. Claims 28-40 have been cancelled without prejudice and may be pursued in a continuing application. Claims 1, 3, 7, 11-14, 17, 25-27, and 42 have been amended to clarify the invention. Claims 43-55 have been added. Claims 1-42 are subject to restriction and/or election requirement. Reconsideration of the restriction requirement is requested for reasons presented below.

Restriction to one of the following inventions is required under 35 U.S.C. §121:

- I. Claims 1-27 and 42, drawn to a method of depositing a silicon-germanium film including a deposition gas comprising SiH_4 , GeH_4 , HCl , a carrier gas, and at least one dopant gas, classified in class 438, subclass 481;
- II. Claims 28-40, drawn to a method of depositing a silicon containing film including a deposition gas comprising SiH_4 , HCl , and a carrier gas and growing the silicon-containing film at a rate between about 50 Å/min and about 600 Å/min, classified in class 438, subclass 607;
- III. Claim 41, drawn to a method of growing a silicon-containing film including depositing a silicon-containing film using a deposition gas comprising Cl_2SiH_2 and HCl , and depositing a second silicon-containing layer on the silicon-containing film by using a deposition gas comprising SiH_4 , HCl and a second carrier gas, classified in class 438, subclass 652.

Applicant elects Group I, claims 1-27 and 42. Claims 28-40 have been amended. Claim 41 has been amended to correspond to the claims in Group I.

Having addressed all issues set out in the Restriction Requirement, Applicant respectfully submits that the claims are in condition for allowance and respectfully request that the claims be allowed.

Respectfully submitted,



Keith M. Tackett
Registration No. 32,008
MOSER, PATTERSON & SHERIDAN, L.L.P.
3040 Post Oak Blvd. Suite 1500
Houston, TX 77056
Telephone: (713) 623-4844
Facsimile: (713) 623-4846
Agent for Applicant